

CONTRACT NO / TO NO: N62473-10-D-0808		PROJECT TITLE / LOCATION: Rad Remediation D-1, Phase II / HPNS		ITSI GILBANE PROJECT NO: 07204.0004	
Survey No.: 07204.0004-0911-INF		Date: 7/16/2014		Location: HPNS	
Chris Robbins				Ed Palser	
Tech Printed Name		Signature		RSO Printed Name	
				Signature	

Instrument(s)

Model	Serial	Cal Due Date	Probe Model	Probe Serial	Cal Due Date	BKG α	BKG β	BKG γ	BKG μr/Hr	Eff. α	Eff. β
19	286213	7/27/2014	N/A						5.4	N/A	
N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

G

Trench #:

04-PDT-007

Soil Survey Units

D0027	D0019	N/A	→	N/A
N/A			→	N/A

(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From
Soil Compaction Lift From

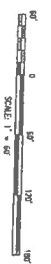
0	ft to	1
1	ft to	2
2	ft to	3
3	ft to	4
4	ft to	5
5	ft to	6
6	ft to	7
7	ft to	8
8	ft to	9
9	ft to	10
10	ft to	11

μR/Hr μR/Hr μR/Hr μR/Hr

6	5	5	5
5	5	5	6
5	5	6	6
6	5	5	5
6	6	5	6
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.

DATE: 12/13/2013
TIME: 1:22 PM
USER: jgibane



Sheet reference number:
1 of 2

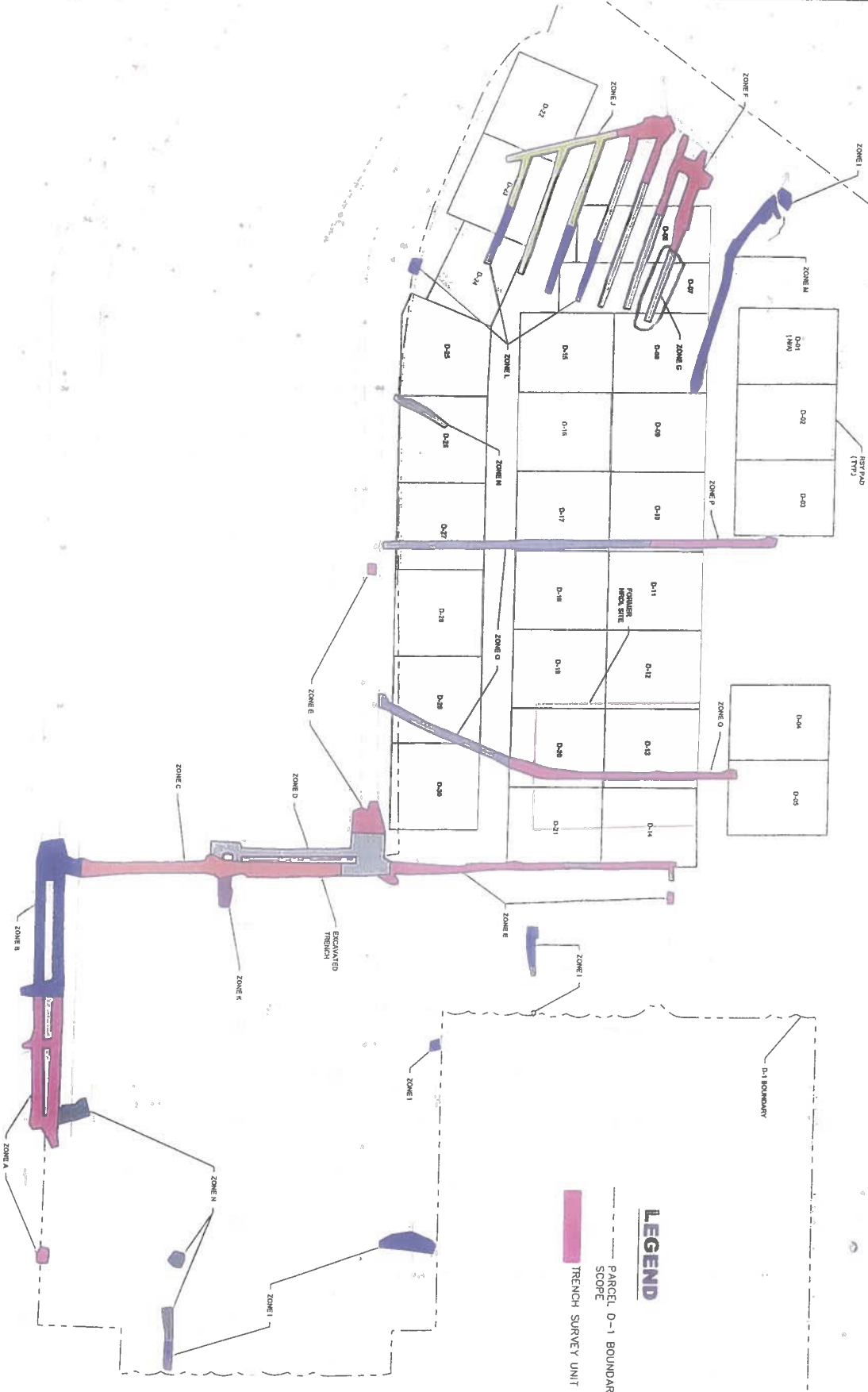
VERIFY SCALE
BASED ON ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY

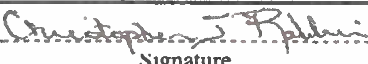
RADIOLOGICAL REMEDIATION AND SUPPORT
PARCEL D-1, PHASE II
HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

AS-BUILT PLANS
DECEMBER 2013

TRENCH EXCAVATION
LAYOUT PLAN

TSI Gilbane
2730 Shadelands Drive
Walnut Creek, CA. 94598



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N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

G

Trench #:

04-PDT-007

Soil Survey Units

D0027	D0019	N/A		N/A
N/A				N/A

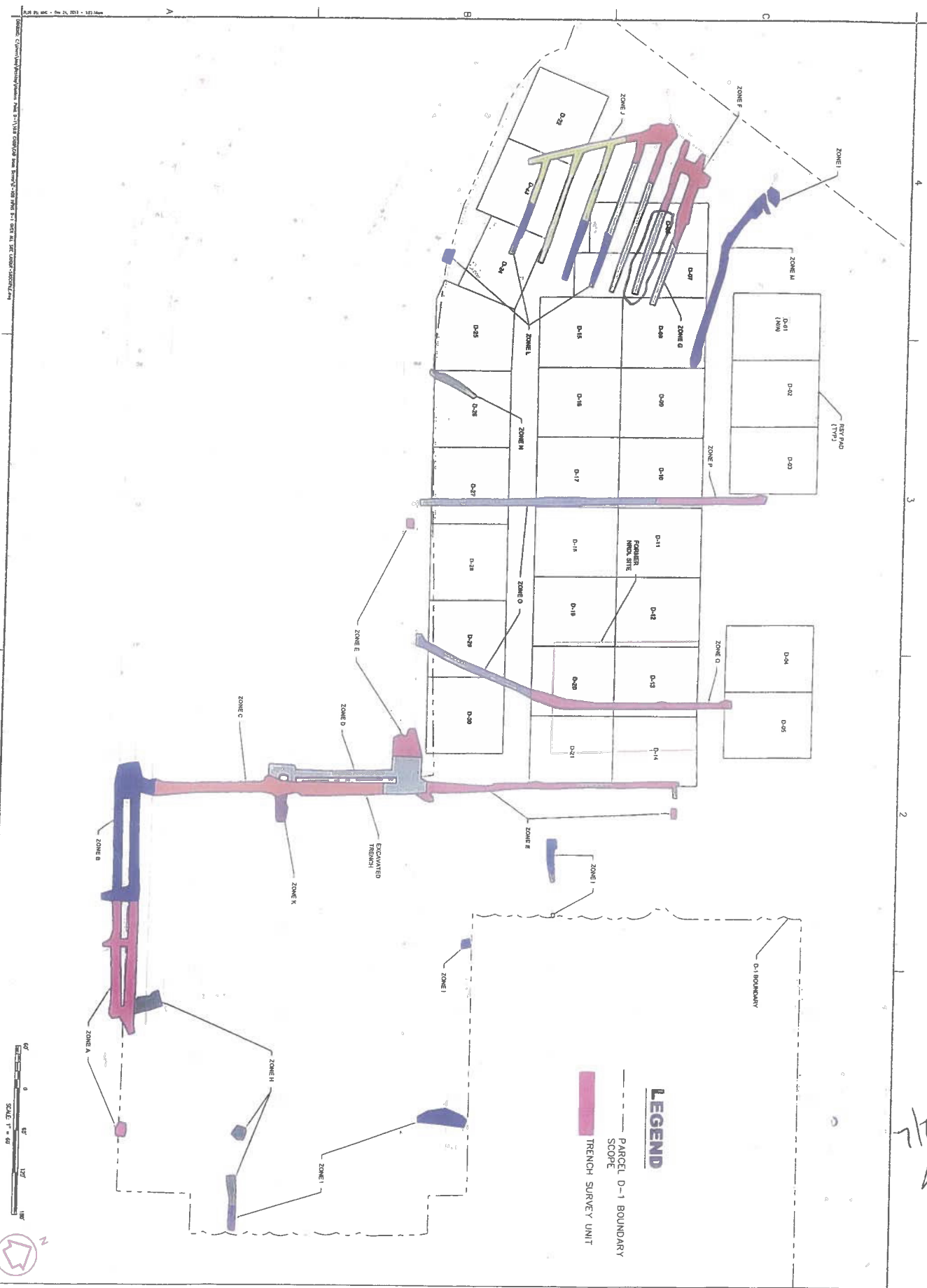
(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From	0	ft to	1
Soil Compaction Lift From	1	ft to	2
Soil Compaction Lift From	2	ft to	3
Soil Compaction Lift From	3	ft to	4
Soil Compaction Lift From	4	ft to	5
Soil Compaction Lift From	5	ft to	6
Soil Compaction Lift From	6	ft to	7
Soil Compaction Lift From	7	ft to	8
Soil Compaction Lift From	8	ft to	9
Soil Compaction Lift From	9	ft to	10
Soil Compaction Lift From	10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
5	6	6	5
6	5	5	5
6	6	5	5
5	5	5	6
6	7	6	6
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.



7/2/14
[Signature]

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Chris Robbins		<i>Christopher J Robbins</i>		Ed Palser	
Tech Printed Name		Signature		RSO Printed Name	
				Signature	

Instrument(s)

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N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

G

Trench #:

04-PDT-007

Soil Survey Units

D0027	D0019	N/A	→	N/A
N/A			→	N/A

(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From	0	ft to	1
Soil Compaction Lift From	1	ft to	2
Soil Compaction Lift From	2	ft to	3
Soil Compaction Lift From	3	ft to	4
Soil Compaction Lift From	4	ft to	5
Soil Compaction Lift From	5	ft to	6
Soil Compaction Lift From	6	ft to	7
Soil Compaction Lift From	7	ft to	8
Soil Compaction Lift From	8	ft to	9
Soil Compaction Lift From	9	ft to	10
Soil Compaction Lift From	10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
5	6	6	6
6	6	5	6
5	6	5	6
6	5	5	5
6	6	5	6
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.

PROJECT: C:\Users\jgibane\Documents\Parcel D-1\AS-BUILT\AS-BUILT-2013-121-MW.dwg
 DATE: 12/27/13
 DRAWN BY: jgibane
 CHECKED BY: jgibane



Sheet
 reference
 number:
 1 of 2

VERIFY SCALE
 BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON
 THIS SHEET, ADJUST
 SCALE ACCORDINGLY

RADIOLOGICAL REMEDIATION AND SUPPORT
 PARCEL D-1, PHASE II
 HUNTERS POINT NAVAL SHIPYARD
 SAN FRANCISCO, CALIFORNIA

AS-BUILT PLANS
 DECEMBER 2013

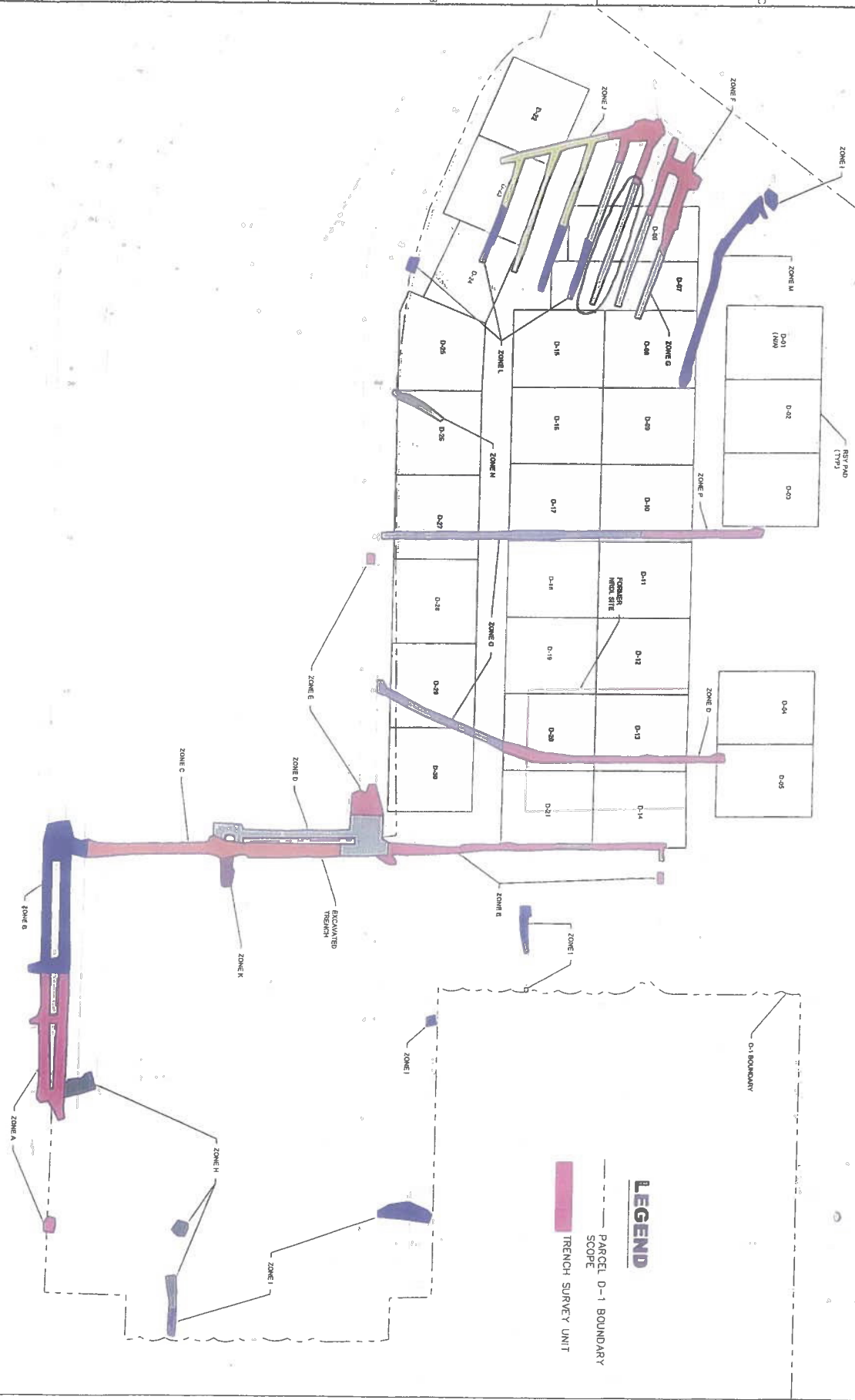
TRENCH EXCAVATION
 LAYOUT PLAN

TSI Gilbane
 2730 Shadelands Drive
 Walnut Creek, CA, 94598

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12/27/13



- LEGEND**
- PARCEL D-1 BOUNDARY
 - SCOPE
 - TRENCH SURVEY UNIT

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19	286213	7/27/2014	N/A						5.4	N/A	
N/A											
N/A											

Survey Description / Map /Photo

Survey Unit G

Trench #: 04-PDT-007

Soil Survey Units

D0027	D0019	N/A	→	N/A
N/A			→	N/A

(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From	0	ft to	1
Soil Compaction Lift From	1	ft to	2
Soil Compaction Lift From	2	ft to	3
Soil Compaction Lift From	3	ft to	4
Soil Compaction Lift From	4	ft to	5
Soil Compaction Lift From	5	ft to	6
Soil Compaction Lift From	6	ft to	7
Soil Compaction Lift From	7	ft to	8
Soil Compaction Lift From	8	ft to	9
Soil Compaction Lift From	9	ft to	10
Soil Compaction Lift From	10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
6	6	6	6
6	6	5	6
6	7	6	6
5	6	6	6
6	6	6	7
N/A	N/A	N/A	7
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.



7/29/14
[Signature]

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